Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 24 Aug 2023 until 23:59 on Friday 25 Aug 2023

Forecast Issued on Wednesday 23 Aug 2023 at 14:27

Confidence: High confidence for the main story, with a cool showery theme developing on Thursday. Low confidence with regards to the distribution and timing of heaviest showers.

Headline for Thursday 24 Aug 2023: Rain and drizzle early, but large amounts of sunshine in the afternoon.

Mountain weather hazards on Thursday 24 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Light rain	Dull	Cloudy	Cloudy	Sunny	Sunny	Partly cloudy (night)
Precipitation probability							
70%	70%	50%	40%	20%	00%	00%	20%

Forecast for Thursday 24 Aug 2023

Weather: A band of cloud and patchy light rain is going to sink south-eastwards during the early hours of Thursday. Some patches of low cloud and a few drizzly showers may persist around dawn but conditions will soon brighten up during the morning, with sunny spells developing widely across the park during the afternoon. Staying generally dry, except in the evening where the odd shower is possible locally.

Chance of cloud-free hill tops above 600m: 20-30% at first increasing to 95% or more by midday.

Low Cloud and visibility: Banks of low cloud are expected to lie across the Dales until sunrise, with cloud as low as 400m, perhaps lower in the far west and in any drizzly outbreaks. There is low confidence about the clearance time, the cloud perhaps hanging around until mid-morning whilst giving poor to very poor visibilities. Becoming generally good to very good from midday onwards.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Thursday 24 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 S	12/16 SW	8/11 SW	11/15 W	12/18 W	14/21 W	11/17 W	9/16 W	9/15 SW
300	6/15 S	7/16 SW	5/11 W	7/13 W	9/16 W	11/20 W	9/17 W	6/16 W	4/13 W
Valley	6/17 S	6/14 SW	4/9 SW	6/12 W	8/15 W	10/18 W	7/16 W	2/9 NW	3/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/11	13/11	12/10	12/10	12/10	13/10	11/9	9/7	8/6
300	15/14	14/14	14/14	14/14	15/14	16/14	13/12	10/9	9/8
Valley	16/16	15/15	15/15	16/15	17/16	17/15	15/14	11/11	12/11
Freezing Level*	2800m	2700m	2600m	2500m	2200m	1900m	1800m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some poor conditions initially requiring good navigational skills. A pleasant walk in the hills otherwise, although sun protection and good hydration are highly recommended during the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 23 Aug 2023	0.2mm	5.6mm	5.6mm

Forecast for Friday 25 Aug 2023

Weather: Breezy with sunny spells and showers, these heavier and more frequent at the end of the afternoon. Showers persisting for a time during the evening before slowly dying away. Slightly cooler.

Maximum wind: West to Southwest 17mph with gusts up to 30mph.

Chance of cloud-free hill tops above 600m: 40-50% becoming 70-80% in the afternoon. Down to 60-70% in the evening.

Low Cloud and visibility: Mediocre at height, with patches of low cloud around 500-600m during the morning, but good to very good at lower levels. Cloud lifting above summits in the afternoon but temporarily down to 600m in any heavy showers, particularly later.

Temperature: **Valleys:** Plus 10 Celsius to plus 17 Celsius.
At 600m: Plus 06 Celsius to plus 11 Celsius.
Freezing level: Above summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.